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Fleming**

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(54) **ENHANCED HEAT MIRROR FILMS**

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See application file for complete search history.

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(57) **ABSTRACT**

A heat mirror film containing visible light-transmissive and infrared reflective film comprising a birefringent dielectric multilayer support that reflects at least 50% of light in a band at least 100 nm wide in a wavelength region of interest, a metal or metal alloy layer whose thickness is such that the film is visible light-transmissive and its reflection band is broadened, and a crosslinked polymeric layer has improved infrared reflecting properties. The film can be joined or laminated into glazing (especially non-planar vehicular safety glazing) with reduced likelihood that the metal or metal alloy layer will be damaged or distorted.

46 Claims, 9 Drawing Sheets

